

## PROGRAM

### MONDAY, JANUARY 24

#### Morning

Registration in Room 202, Civil Engineering Building

#### Afternoon

General Sessions—Room 201, Civil Engineering Building

Presiding—R. B. Crepps, Associate Professor of Testing Materials, Purdue University

Address of Welcome—R. B. Wiley, Head, School of Civil Engineering, Purdue University

Response—C. Dana Ward, President, Highway Materials and Equipment Association, Indianapolis

The Farm-to-Market Federal Road Program—Earl Lockridge, Assistant Chief Engineer, State Highway Commission of Indiana

Discussion—

Functions of Highway Planning Survey Department—Walter J. Sapp, Director, Highway Planning Survey, State Highway Commission of Indiana

Discussion—

Report on Highway Extension Work—Ben H. Petty, Professor of Highway Engineering, Purdue University

Discussion—

#### Evening

Smoker—Ballroom, Memorial Union Building—Sponsored by Chi Epsilon (Honorary Civil Engineering Fraternity)

Presiding—W. A. Knapp, Assistant Dean of Engineering, Purdue University

Official Welcome—

W. N. Teal, Mayor of Lafayette

M. B. Morgan, Mayor of West Lafayette

J. L. Waling, President, Chi Epsilon

Effects of Road Improvement on Community and Family Life—T. A. Dicus, Commissioner, State Highway Commission of Indiana

Some Hoosier Homespun Philosophy—Tramp Starr ("Jokes and Jingles" Columnist, Indianapolis *Sunday Star*), Lawrenceburg, Indiana

### TUESDAY, JANUARY 25

#### Morning

General Session—Room 201, Civil Engineering Building

Presiding—M. R. Keefe, Chief Engineer, State Highway Commission of Indiana

Application of Soil Mechanics to Highway Improvement—P. C. Rutledge, Associate Professor of Soil Mechanics, Purdue University

Discussion—W. T. Spencer, Soils Engineer, State Highway Commission of Indiana

Promotion of Safety on Highways—Hallie Myers, Director of Traffic,  
State Highway Commission of Indiana  
(Safety Film)

Discussion—

The Secondary Road Problem—Otto Hess, Kent County Highway Engi-  
neer, Grand Rapids, Michigan

Discussion—

### Afternoon

#### SEPARATE SESSIONS

State Highway Maintenance Men—Rooms 1 and 2, Memorial Union  
Building

Presiding—C. W. Siniff, Engineer of Maintenance

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State Highway Construction Men—Rooms 204 and 205, Civil Engineer-  
ing Building

Presiding—S. G. Cohen, Engineer of Construction

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County Road Supervisors—Room 201, Civil Engineering Building

Presiding—W. M. Barnes, President, County Road Supervisors' Asso-  
ciation, Kokomo

Road Equipment (Types, operating costs, usefulness, etc.)—

(a) Gasoline Shovels—S. R. Laughlin, Kosciusko County

H. O. Tapp, Switzerland County

(b) Power Graders—Ivan Craggs, Johnson County

(c) Screening and Crushing Plants—F. G. Deal, LaGrange County

R. N. Horton, Jefferson County

(d) Weed Mowers—Hugh W. Wagner, Miami County

William Folger, Jasper County

(e) Multiple-Blade Maintainers—Lawrence Woodard, Parke County

Elmer Harrison, Rush County

(f) Truck-Mounted Maintainer Blades—Fred Hubbell, Steuben

County

(g) Diesel vs. Gasoline Tractors—Harry K. Gottschalk, Allen

County

(h) Motor Trucks—Lloyd Starnes, Monroe County

Kenneth Smith, Boone County

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County Surveyors and Engineers—Faculty Lounge, Memorial Union  
Building

Presiding—John A. Kelley, President, County Surveyors' and County  
Engineers' Association, LaPorte

Land Surveys—G. E. Lommel, Professor of Topographical Engineering,  
Purdue University

M. W. Todd, Assoc. Prof. Topographical Engineering, Purdue Uni-  
versity

Discussion—

Engineering Services to Towns, Cities and Individuals—

V. R. Dicken, Grant County Surveyor

J. Clarence Eckert, Ripley County Surveyor

Discussion—

Structural Problems—C. A. Ellis, Professor of Structural Engineering,  
Purdue University

Discussion—

### Evening

Purdue Armory—Opening of Exhibits, sponsored by the Highway Materials and Equipment Association

Athletic Events in New Purdue Fieldhouse and Gymnasium

## WEDNESDAY, JANUARY 26

### Morning

General Session—Room 201, Civil Engineering Building

Presiding—Sam Hadden, Secretary, Indiana Mineral Aggregates Association, Indianapolis

Progress of Joint Highway Research Project—W. K. Hatt, Director,  
Joint Highway Research Project, Purdue University

Discussion—Earl Feldman, Engineer of Tests, State Highway Commission of Indiana

Developing Non-Skid Road Surfaces—R. A. Moyer, Associate Professor  
of Highway Engineering, Iowa State College, Ames, Iowa

Discussion—C. W. Siniff, Engineer of Maintenance, State Highway Commission of Indiana

Protecting Trees Along Our Roads—H. J. Schnitzius, Landscape Supervisor, State Highway Commission of Indiana

Discussion—

### Afternoon

Purdue Armory—Exhibit of Road Materials and Equipment

### Evening

Purdue Armory—Road Show continued

Lafayette Armory—Entertainment and Lunch, Compliments of Highway Materials and Equipment Association

## THURSDAY, JANUARY 27

### Morning

#### SEPARATE SESSIONS

State Highway Maintenance Men—Rooms 1 and 2, Memorial Union Building

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State Highway Construction Men—Rooms 204 and 205, Civil Engineering Building

City Engineers—Room 103, Civil Engineering Building  
Presiding—Harry Overesch, Vice-President, City Engineers' Association,  
Lafayette

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County Road Supervisors—Room 201, Civil Engineering Building  
Presiding—Charles K. Knowles, Posey County Road Supervisor  
Organizing an Efficient County Road Department—

John Kelley, LaPorte County Road Supervisor  
Harold Cook, Hendricks County Road Supervisor

Discussion—

Materials, Equipment, and Organization for Bridge Painting—

Henry G. Schloot, Greene County Road Supervisor  
Robert P. Weaver, Elkhart County Road Supervisor

Discussion—

Using Statistical Records in Enlisting Support of County Council and  
General Public—Dean Whicker, Benton County Road Supervisor

Discussion—

Bituminous Surfaces—Ernest H. Coffin, Wayne County Road Supervisor  
Herbert Louck, Clinton County Road Supervisor  
Peter Draper, Madison County Road Supervisor

Discussion—

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Inspection of New Tippecanoe County Highway Garage

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County Surveyors and Engineers—Faculty Lounge, Memorial Union  
Building

Presiding—W. H. Sorrell, Treasurer, County Surveyors' and County En-  
gineers' Association, Newcastle

Objectives of the Indiana Society of Professional Engineers—S. G. Cohen,  
President, Indiana Chapter, Indianapolis

Discussion—

The Engineer's Responsibility in Bridge and Culvert Problems—

John Booe, Vermillion County Surveyor  
W. H. Sorrell, Henry County Surveyor

Discussion—

Functioning of Indiana's Drainage Laws—Arthur C. Call, Attorney,  
Anderson, Indiana

Discussion—

#### **Afternoon**

General Session—Room 201, Civil Engineering Building

Presiding—W. M. Holland, Executive-Secretary, Indiana Highway Con-  
structors, Inc., Indianapolis

Highway Administration Problems—T. H. Cutler, Chief Engineer, Ken-  
tucky State Highway Department, Frankfort, Kentucky

Discussion—

Contract System vs. Day-Labor Operations on Highway Work—W. A.  
Klinger, President, Associated General Contractors of America,  
Washington, D. C.

Discussion—

Relationship of State Highway Commission to County Road Departments, as Affected by Recent Legislation—Howard Atcheson, Commissioner, State Highway Commission of Indiana, Indianapolis

Discussion—John Linder, Marion County Attorney, Indianapolis

### Evening

Ballroom, Memorial Union Building

Annual Banquet

Toastmaster—Ben H. Petty, Professor of Highway Engineering, Purdue University

Speakers—A. A. Potter, Dean, Schools of Engineering, Purdue University

David E. Ross, President, Board of Trustees, Purdue University

Edward C. Elliott, President, Purdue University

Charles M. Upham, Engineer-Director, American Road Builders' Association, Washington, D. C.

## FRIDAY, JANUARY 28

### Morning

#### SEPARATE SESSIONS

State Highway Maintenance Men—Rooms 1 and 2, Memorial Union Building

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State Highway Construction Men—Rooms 204 and 205, Civil Engineering Building

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City Engineers—Room 103, Civil Engineering Building

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Joint Session of All County Road Officials—Room 201, Civil Engineering Building

Presiding—Ben H. Petty, Professor of Highway Engineering, Purdue University

W.P.A. Co-operation in Road and Bridge Work—J. K. Jennings, State Administrator, W.P.A. of Indiana, Indianapolis

Discussion—W. M. Weber, Clay County Surveyor and Road Supervisor, Brazil

Office Records for a County Road Department—Otto K. Jensen, Deputy Examiner, State Board of Accounts

Discussion—A. J. Spurgeon, Clinton County Auditor

The County Road Budget—C. A. Ketchum, Secretary, State Board of Tax Commissioners, Indianapolis

Discussion—Clarence E. Roy, President, County Commissioners' Association, Fort Wayne

